

AQV-160 IP PAN TILT CAMERA SPECIFICATIONS

PRODUCT DESCRIPTION

AquaView 160 is the pan tilt IP subsea and marine camera for most uses, featuring a Sony sensor. Housing made from POM hard plastic, it can withstand rough conditions, harsh chemicals and be permanently submerged. Provided with subsea connector. Zoom lens.

Known for great image quality, you will find this used in the oil industry, aquaculture, subsea robotics, and inspection services.



TECHNICAL SPECIFICATION

HOUSING

| | |
|-----------------------|---------------------------------|
| Max operation depth | 150 meters (15 bar) |
| Material | Black Polyoxymethylene (POM) |
| Connector | Subsea connector or cable gland |
| Diameter | 159mm Ø (without connector) |
| Height | 150mm |
| Weight | 2.1 kg |
| Operation temperature | -10°C to +50°C |

CAMERA SPECIFICATION

| | |
|--------------------------|------------------------------------|
| Camera resolution | Full-HD 1080*1920 |
| Sensor size | 1/2.8" |
| Lens | 2.1mm fixed or 2.8-12mm motor zoom |
| Shutter speed | 1/25s to 1/10000s |
| White balance | Automatic / Manual / Preset |
| Minimum illumination | 0,01lx Color 0,001lx BW |
| Compression | H265/H264, 60 fps |
| Pan & Tilt communication | IP, ONVIF 2.4 |
| Viewing interface | Computer or recorder over network |
| Input power | 12-24 V DC or PoE on request |
| Power usage | Max 2A |

IP CAMERA CONNECTIVITY

Being an IP camera, connectivity to any device over network is seamless, whether it be a stationary computer, server, laptop, or other mobile devices.

For easier installation, power can be provided to the camera using PoE Power over Ethernet. We supply everything needed for a full system.

We deliver products with quality components from known suppliers such as Macartney, Sony and Watec.



MARKET LEADING SUBSEA CABLE QUALITY

We use a unique molding and sewing process to get a very strong bond between cable, connector, and molding compound. We custom make splitters, connectors, cut-to-length cable, and connection boxes.



MATERIALS

For the Camera housings, adapters, brackets we use a high tensile strength Acetal (POM), and the connector is marine grade stainless steel. This makes it able to sustain impacts and scratches very well and be corrosion resistant. Can be permanently submerged down to the rated 150 meters.

